

What is claimed is:

1. A lip seal for sealing a gap between a housing and a shaft comprising:
 - a supporting body, the supporting body having an annular part oriented radially to the shaft and a cylindrical part running axially to the shaft, the annular part having two opposing sides;
 - a static sealing element attached to the supporting body; and
 - a dynamic sealing element attached to the supporting body, the dynamic sealing element being made of a different material than the static sealing element;
 - the dynamic sealing element being fastened to the annular part and enclosing the annular part on the two opposing sides at a fastening point;
 - the static sealing element being positioned on the cylindrical part at a radial distance from the dynamic sealing element.
2. The lip seal as recited in claim 1 wherein the supporting body is made from a rigid material.
3. The lip seal as recited in claim 2 wherein the rigid material is metal.
4. The lip seal as recited in claim 1 wherein the radial distance between the static sealing element and the dynamic sealing element is at least 0.5 mm.
5. The lip seal as recited in claim 1 wherein the static and dynamic sealing elements are connected to the supporting body by vulcanization using a coupling agent.
6. The lip seal as recited in claim 1 wherein the dynamic sealing element receives a lip shape during sliding of the seal onto the shaft.
7. The lip seal as recited in claim 1 wherein the dynamic sealing element has a lip enclosing the shaft, the lip having a lip surface facing the shaft, and wherein the lip is provided with openings on the lip surface for return delivery of a medium to be

sealed off.

8. The lip seal as recited in claim 1 the dynamic sealing element has a lip edge with a barrier feature.
9. The lip seal as recited in claim 1 wherein the dynamic sealing element has a surface facing away from the shaft, the surface having concentric or screw-shaped openings.
10. The lip seal as recited in claim 9 wherein the openings are single-threaded or multiple-threaded.
11. The lip seal as recited in claim 1 wherein the dynamic sealing element has a lip curved towards an environment or towards a sealed-off space.
12. The lip seal as recited in claim 1 wherein the static sealing element has at least one of an end chamfer and a bottom chamfer on an outside surface.
13. The lip seal as recited in claim 1 wherein static sealing element has an outside surface, the outside surface being corrugated.
14. The lip seal as recited in claim 1 further comprising a sensor attached to the housing and a sensor wheel or a multipole wheel on the shaft interacting with the sensor.
15. A method for manufacturing a lip seal for sealing a gap between a housing and a shaft, the lip seal having a supporting body, the supporting body having an annular part oriented radially to the shaft and a cylindrical part running axially to the shaft, the annular part having two opposing sides, the lip seal further having a static sealing element attached to the supporting body and a dynamic sealing element attached to the supporting body, the dynamic sealing element being made of a different material than the static sealing element, the method comprising the steps of:

fastening the dynamic sealing element to the annular part and enclosing the annular part on the two opposing sides at a fastening point; and

positioning the static sealing element on the cylindrical part at a radial distance from the dynamic sealing element.

16. A method for sealing a gap between a housing and a shaft using a lip seal, the lip seal having a supporting body, the supporting body having an annular part oriented radially to the shaft and a cylindrical part running axially to the shaft, the annular part having two opposing sides, the lip seal further having a static sealing element attached to the supporting body and a dynamic sealing element attached to the supporting body, the dynamic sealing element being made of a different material than the static sealing element, the dynamic sealing element being fastened to the annular part and enclosing the annular part on the two opposing sides at a fastening point and the static sealing element being positioned on the cylindrical part at a radial distance from the dynamic sealing element; the method comprising the steps of:

contacting the housing with the static sealing element; and

contacting the shaft with the dynamic sealing element.